Work Orde October-29-13 '8		1	349.8310	*108	R707*						Page 1
Revision ID:	649.8310			Accept	*N900	040	100	)* s	etup Star Stop	I VI -	S1*
	Cutter Body 10/30/13 11/08/13	Start Qty: 20.00 Req'd Qty: 20.00	*20* *20*		Cust Item II Customer:	D:				"IN	S2*
Approvals:		n: MC5				ite:		F	tun Star Stop		R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b> 649.8300	Revi	ision Nbr									
*100*		BAND SAW		0.00	DK/BA		- <del> </del>	20	6		
Bandsaw Jeaspa Bandsaw		<b>Memo</b> Cut Blank	at 7.425"	0.00	DK/BA 13/11/08				<i>-</i>	-	
∮1,10 }				0.00							
*11 <b>0</b> * HAĀS I		HAAS CNC VERTICA		0.00			C	20_			JB-11-15
HAAS CNC vertical	machine #1	1-Machine DWG REV FOLIO RE	per folio FB224 : <b>\\/C</b> V:_ <b>_A</b> _A								

2- deburr and break all sharp edges

Work Ord October-29-13		8707		*10	1870	7*						Page 2
tem ID: Revision ID: tem Name: Start Date: Required Date:	649.8310  Cutter Body 10/30/13 : 11/08/13	Start Qty: 20.00 Req'd Qty: 20.00	*20*	Accept	*	Cust Item II		100	<b>)*</b> s	etup Start Stop	171	S1* S2*
Reference:	Process Pla	an:	Date:			Da	te:		R	tun Start		R1* R2*
Sequence ID/ Work Center I 120 *170* QC Quality Control	D	Operation Description QC2- Inspect parts off m	achine FAI/FAIB	Set Up/ Run Hour 0.00	rs	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*130 *13 <b>0*</b> QC Quality Control		QC8- Inspect parts - seco	ond check	0.00	b-2	(3/11/1	1		20	<u> </u>		0A9 88 8.89
*131 *131* Hand Finish Hand Finishing		Memo Clean & ren	nove markings (acid etch or	0.00 0.00 nly)	N.	I.A			(Z	/ 1.3/n	12Z	- · <u>-</u>

QC5- Inspect part completeness to step on W/O

Memo

155

QC

\*155\*

Quality Control

Work Orde October-29-13		8707		*108	707*				Page 4
Revision ID:	649.8310 Cutter Body	*		Accept	*N90004	<b>1</b> 0100	)* s	etup Star	14.21
Start Date: Required Date: Reference:	10/30/13 11/08/13	Start Qty: 20.00 Req'd Qty: 20.00	*20 *20		Cust Item ID: Customer:				
Approvals:	Process Pla	an:	Date:	Tooling: SPC (Y/N):	Date:		R	tun Star Stop	"NRT"
Sequence ID/ Work Center II	D	Operation Description Identify as per dwg & Sto	ock Location: COMPC	Set Up/ Run Hours	Tool ID To	ool # Plan Code	Accept Qty	Reject Qty	Reject Insp. Number Stamp
*180* Packaging		Memo		0.00 MPP-120 BY STAMPING P#	AND REV***		20		WW 13.12.20
<sup>190</sup> *190*		QC21- Final Inspection -	Work Order Release	0.00			Λ	n1 5	17-17-23
QC Quality Control		Memo		0.00			/	,, <u> </u>	13-12-23 Wf 12-20

	प्रशासिक स्थापना । जिल्लाका स्थापना के स्थापना स्थापना स्थापना स्थापना स्थापना स्थापना । स्थापना स्थापना स्थापन			!	~1
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October-29-13 8:51:47 AM

Work Order ID:

108707

Parent Item:

649.8310

Parent Item Name:

Cutter Body

**Start Date:** 10/30/13

Required Date: 11/08/13

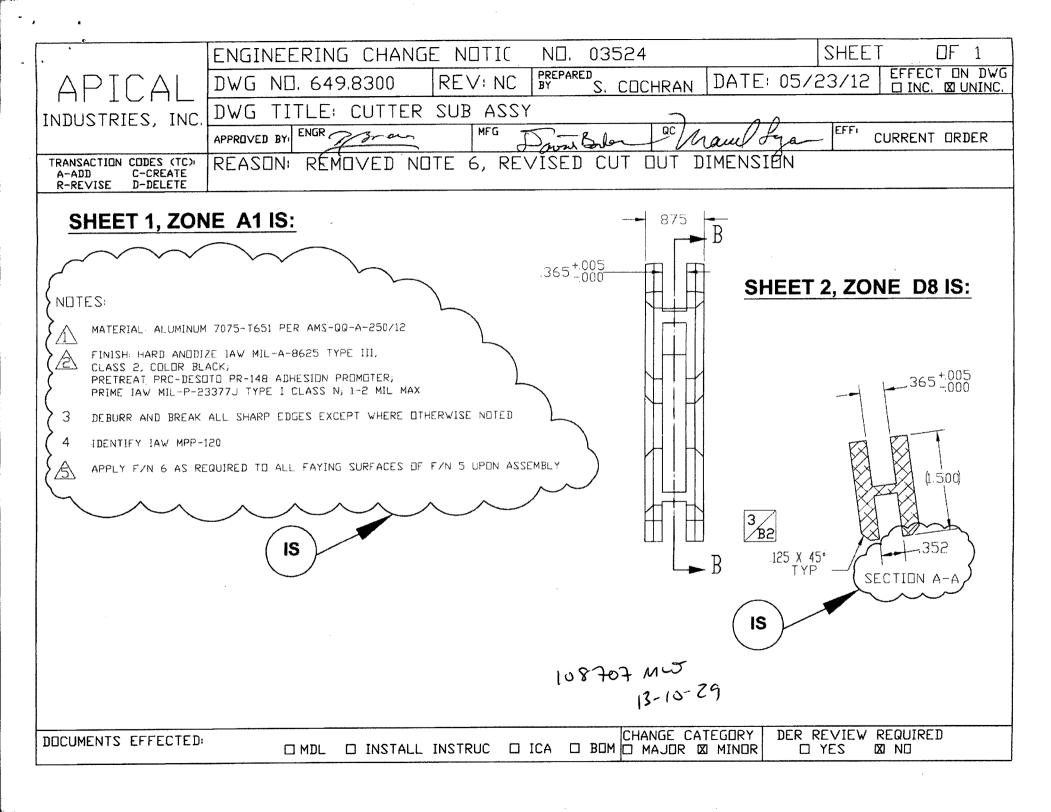
**Start Qty: 20.00** 

Required Qty: 20.00

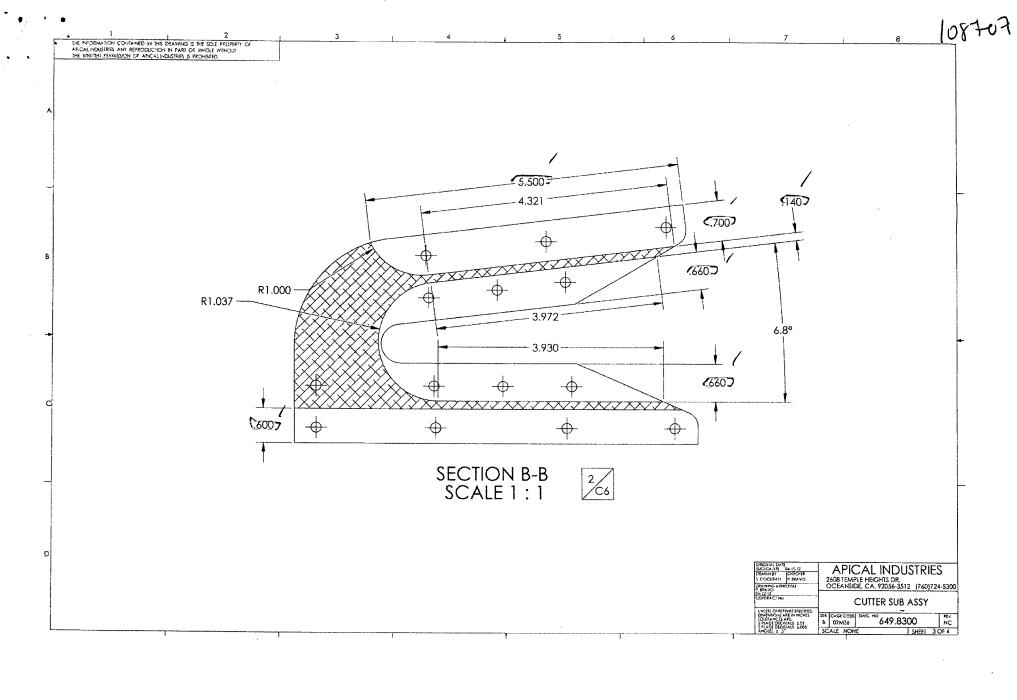
Comments:

IPP REV:A NEW ISSUE 13-10-27 JLM VERIFIED BY:DD

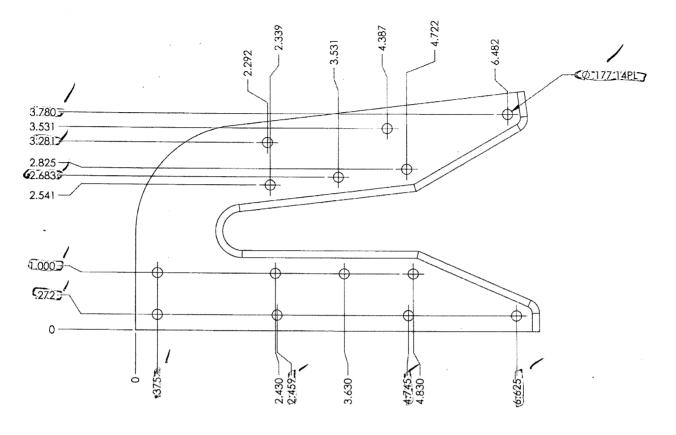
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6B5.000X1.000	0001	Purchased	No				f	95.4878		14	Dr	/b.a	
7075-T6 BAR 5.000" X 1.	.000"			<b>Location</b>		Loc Qty	Lo	c Code	- V		13/1	11/08	<u></u>
				MAT		7.8							
				1255	54	7.8				<del> </del>			
				MAT008		87.6878316							
				M12	5997	6.0008316							
				M12	6615	21.477			_5	f€,			
				M12	6981	60.21			フ.	5ft.			



"OFMATION CONTAINED IN THIS DRAWING IS THE SCAE PROPERTY OF ENGLISHES ANY REPRODUCTION IN PART OR WHOLE WITHOUT TEN FEMILISSION OF APICAL INDUSTRIES IS PROHISTED. DATE APPROVED DESCRIPTION 04-18-12 P. BRAVO INITIAL RELEASE MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER: PRIME IAW MIL-P-23377 J TYPE I CLASS N: 1-2 MIL MAX 3. DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED IDENTIFY IAW MPP-120 APPLY F/N 6 AS REQUIRED TO ALL FAYING SURFACES OF F/N 5 UPON ASSEMBLY CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE (5) 2 PL ② 6 PL ③ 12 PI ④ 6 PL 12 PL 649.8301 UNINCORPORATED ECN(s) 0 601.2764 LOCTITE 598 RTV 5 646,9711 BLADE 4 601.1541 LOCKNUT MS21042L08 6. **(4) (2)** 0 WASHER NA\$1149FN832P 12 3 601.2764 601.2765 SCREW MS27039-0819 649.8310 CUTTER BODY 0 0 649.8301 CUTTER ASSY .8301 DESCRIPTION MATL PARTS LIST QTY APICAL INDUSTRIES NEXT ASSY (S) 2608 TEMPLE HEIGHTS DR. CCEANSIDE, CA. 92056-3512 [760]724-5300 649.4900 P BRAVO **CUTTER SUB ASSY** UNITESS CHIMENAGE SPECIFED CONTRINCIONA ARE IN NICHES COLFRANCES ARE 2 PLACE DECEMAIS ±010 3 PLACE DECEMAIS ±005 ANGRES ± 5° 8 07MZ6 DMG. NO 649.8300



ECRIMATION CONTAINED IN THIS DRAWARD IS THE SCILE PROPERTY OF EMOURTIES ARM REPRODUCTION BY PART OR WHOLE WARROUT BITTETT FERMISSION OF ARICAL MIXISTERS IS PROHIBITED.

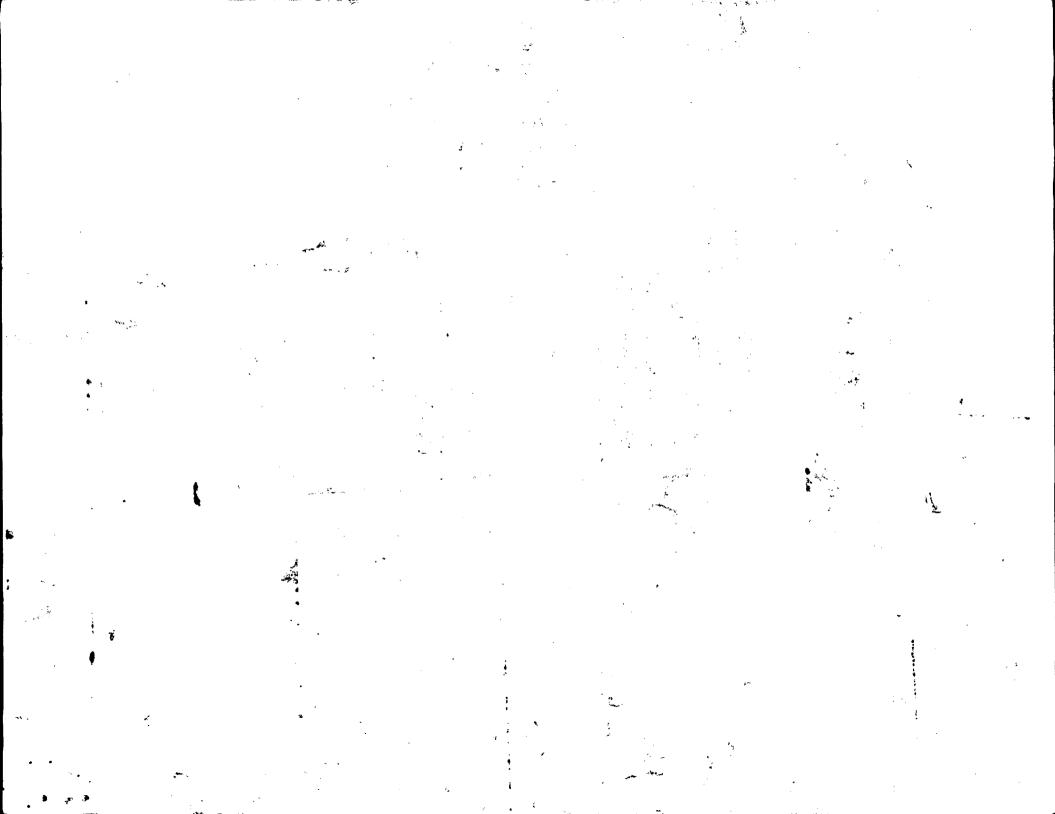


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DART AEROSPACE LTD	Work Order:	108707
Description: Cutter body	Part Number:	644.8310
Inspection Dwg:GH9. \$300 Rev: II/C		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
-875	+005	,844			New	JL-10.
-365	+.00500	-367				٠.,
125X45°	oos5°	128X45°	//			
1.500	005	1,500				
H,178	T.005	4.176				
1.400	±,005	1401				
7.026	+ .005	7-026			NOLH	CNC-03
-600	±.005	_599			\- <u>-</u>	ント-10
5.500	+-005	5.500			4-G	
-700	+ .005	-699			New	~
-660	002	-659			H-G	
-140	005	142			Vern	~
- 660	005	-659			H-G	
Ø-177	+-005	1748			Vern	~-
_272	+ -002	-272				
1.000	002	1-000				
2.683	002	2-684				
3.281	002	3.282				
3.780	002	3.780	/_			
-375	-002	_375				
2.459	±-002	2.459	/			
4.745	±-00A	14-746				
6.625	±-069	6-625	/			

Measured by:	SI	Audited by:	A.A	DAG	Preliminary Approval:	
Date:	13-11-14	Date:	13/11/17	8-89	Date:	

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

\$ 10.04.15

\_089



A.T.G. Industries Inc. 731, rue Industrielle Rd. PLATING DEPARTMENT Rockland, On K4K 1T2 Canada

Ph: (613) 446-4544 Fax: (613) 446-4556

## Pack List

Number: 62794

Date: 18-Dec-13

То

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada Ship To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via								
· ·										
Quantity	Description	<u> </u>								
1	Part: ASST	····	Rev:							
lot										
	16 PCS D4410-11 (0.90) 22 PCS 41232-200-002-001 (1.60)									
	20 PCS D2348 (0.95)									
	BLACK ANODIZE									
	MIL-A-8625 TYPE II CLASS 2									
	12 PCS 646.3311 (18.10)									
	6 PCS 646.3012 (19.90)									
	8 PCS 647.4610 (12.05)									
	8 PCS 647.9312 (8.55) 27 PCS 647.9317 (18.00)									
	6 PCS 647.9411 (24.50									
(	PCS 649.8310 (14:50)									
	HARD ANODIZE BLACK									
	MIL-A-8625 TYPE III CLASS 2									
	PRIME MIL-P-23377J TYPE I CLAS	SS N								
	PRICE IS PER PIECE									
	Job: 20130775	PO: 22153	Line:							
	Cartificate of Con	formance								
	Certificate of Conformance									
		A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.								
	ISO 9001 : 2008 REG									
	ATG SALES-2010 TE	ERMS APPLY								
	DATE: 10/12/13									
	1									
	CERTIFIED SIGNATURE :									
	RECEIVER SIGNATURE :									